

Title (en)

Water blown, energy absorbing foams

Title (de)

Mit Wasser geschäumte, energieabsorbierende Polyurethanschaumstoffe

Title (fr)

Mousses de polyuréthane gonflées par l'eau, absorbant de l'énergie

Publication

EP 0872501 A3 19990324 (EN)

Application

EP 98106292 A 19980407

Priority

US 84269797 A 19970415

Abstract (en)

[origin: EP0872501A2] The present invention is directed to an isocyanate reactive mixture comprising from about 17 to about 85% by weight of one or more non-filled polyether polyols having a hydroxyl functionality of from 1.5 to 3 and molecular weights of from 1,500 to 8,000; from about 12 to about 80% by weight of one or more non-tertiary amine containing polyether polyols having a hydroxyl functionality of from 3 to 8 and a molecular weight of from 150 to 1,000; from about 0 to about 4% by weight of one or more primary or secondary diamines or amino alcohols and from 3 to about 12% by weight of water. The invention is also directed to a water-blown, energy absorbing foams made from the isocyanate reactive mixture.

IPC 1-7

C08G 18/66; **C08G 18/76**; **C08K 5/54**

IPC 8 full level

C08G 18/16 (2006.01); **C08G 18/32** (2006.01); **C08G 18/40** (2006.01); **C08G 18/48** (2006.01); **C08G 18/50** (2006.01); **C08G 18/65** (2006.01); **C08G 18/66** (2006.01); **C08G 18/76** (2006.01); **C08J 9/06** (2006.01); **C08K 5/5419** (2006.01); **C08L 75/08** (2006.01); **C08L 75/12** (2006.01)

CPC (source: EP KR US)

C08G 18/4072 (2013.01 - EP KR US); **C08G 18/48** (2013.01 - KR); **C08G 18/4816** (2013.01 - EP KR US); **C08G 18/6564** (2013.01 - EP KR US); **C08G 18/6692** (2013.01 - EP KR US); **C08J 9/04** (2013.01 - KR); **C08K 5/5419** (2013.01 - EP KR US); **C08L 75/12** (2013.01 - KR); **C08G 2110/005** (2021.01 - EP US); **C08G 2110/0083** (2021.01 - EP US); **Y10S 521/902** (2013.01 - EP KR US)

C-Set (source: EP US)

C08K 5/5419 + **C08L 75/12**

Citation (search report)

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AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 0872501 A2 19981021; **EP 0872501 A3 19990324**; **EP 0872501 B1 20040707**; BR 9801043 A 20000111; CA 2234211 A1 19981015; CA 2234211 C 20080715; CZ 114098 A3 19981111; CZ 294798 B6 20050316; DE 69824912 D1 20040812; DE 69824912 T2 20050825; ES 2224304 T3 20050301; JP 4688985 B2 20110525; JP H10298262 A 19981110; KR 100530811 B1 20060228; KR 19980081382 A 19981125; US 5847014 A 19981208

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